

## Special Issue

# The Distribution and Diversity of Tick-Borne Zoonotic Pathogens

### Message from the Guest Editor

Ticks are the second most important vectors of pathogens, with at least 896 species worldwide infesting domestic and wild animals. Tick-borne zoonotic pathogens are diverse, including bacteria (*Rickettsia*, *Ehrlichia*, *Anaplasma*, *Coxiella*), viruses (e.g., Tick-borne encephalitis, Crimean-Congo hemorrhagic fever), and protozoa (e.g., *Babesia*, *Theileria*). Many infect both animals and humans, leading to significant human infections. Recently, several novel tick-borne agents, such as Alongshan virus, Yezo virus, and Xuecheng virus, have been identified as human pathogens. Ticks and their pathogens pose major threats to livestock and public health. Our focus includes: (1) Spatiotemporal distribution of ticks, including new species reports. (2) Genetic diversity of tick-borne pathogens, like *Rickettsia* and *Anaplasma* species. (3) Transmission models, such as airborne or human-to-human spread of *Anaplasma*. (4) Human infections from tick-borne pathogens. (5) Environmental factors (temperature, rainfall, vegetation) affecting tick-borne diseases. We aim to provide insights for tick-borne disease prevention and control.

### Guest Editor

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### Deadline for manuscript submissions

28 February 2026



## Tropical Medicine and Infectious Disease

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CiteScore 4.7  
Indexed in PubMed



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*Tropical Medicine and  
Infectious Disease*  
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### Message from the Editor-in-Chief

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#### Editor-in-Chief

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